5th Grade Science - Literacy Integration

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| **Trimester** | [http://www.wikispaces.com/i/mime/32/application/msword.png](http://frankfort157.wikispaces.com/file/view/curriculum+outline.doc) [curriculum outline.doc](http://frankfort157.wikispaces.com/file/view/curriculum+outline.doc) | **Essential** **Understanding** | **Literacy Skill Emphasis** | **Story town Connection** | **Active Strategies** | Assessments |
| 1 | Weather | How can you observe & measure weather conditions? | Cause & effect Infer | Theme 1 | **Vocabulary:** \*Open sorts \*Closed sorts \*alike and different \*word search |  |
| 1 | Weather | What causes weather? | Cause & effect Infer | Theme 1 |  |  |
| 1 | Weather | What is climate & how does it change? | Cause & effect Infer | Theme 1 |  |  |  |  |  |
| 1 | Earth, Moon & Beyond | How do the Earth & Moon compare? | compare & contrast | Theme 1-2 |  |  |  |  |  |
| 1 | Earth, Moon & Beyond | What else is in the solar system? | compare & contrast | Theme 1-2 |  |  |  |  |  |
| 1 | Earth, Moon & Beyond | How have people explored the solar system? | compare & contrast | Theme 1-2 |  |  |  |  |  |
| 1 | The Sun & Other Stars | What are the Features of the Sun? | Main Idea Details Sequence | Theme 2/Novel |  |  |  |  |  |
| 1 | The Sun & Other Stars | How are Stars Classified? | Main Idea Details Sequence | Theme 2/Novel |  |  |  |  |  |
| 1 | The Sun & Other Stars | What are Galaxies? | Main Idea Details Sequence | Theme 2/Novel |  |  |  |  |  |
| 2 | Rocks & Minerals | What are Minerals? | Cause & Effect Compare & Contrast | Theme 3 |  |  |  |  |  |
| 2 | Rocks & Minerals | What are Rocks? | Cause & Effect Compare & Contrast | Theme 3 |  |  |  |  |  |
| 2 | Rocks & Minerals | What is the Rock Cycle? | Cause & Effect Compare & Contrast | Theme 3 |  |  |  |  |  |
| 2 | Matter | How can Physical Properties be used to identify matter? | Making generalizations Inferences | Theme 3 |  |  |  |  |  |
| 2 | Forces | What Forces affect objects on Earth every day? | Main Idea & Details | Theme 4-Novel |  |  |  |  |  |
| 2 | Forces | What are balanced & Unbalanced Forces? | Main Idea & Details | Theme 4-Novel |  |  |  |  |  |
| 3 | Motion | How are Motion & Speed related? | Drawing Conclusions Making Predictions | Theme 5 |  |  |  |  |  |
| 3 | Motion | What are the Three Laws of Motion? | Drawing Conclusions Making Predictions | Theme 5 |  |  |  |  |  |
| 3 | Motion | Why do the Planets stay in Orbit? | Drawing Conclusions Making Predictions | Theme 5 |  |  |  |  |  |
| 3 | Cells to Body Systems | What are Cells & what do they do? | Summarizing | Theme 5 |  |  |  |  |  |
| 3 | Classifying Living Things | How do Scientists Classify Living things? | Compare & Contrast | Theme 6 |  |  |  |  |  |
| 3 | Classifying Living Things | How are Animals Classified? | Compare & Contrast | Theme 6 |  |  |  |  |  |
| 3 | Classifying Living Things | How are Plants Classified? | Compare & Contrast | Theme 6 |  |  |  |  |  |